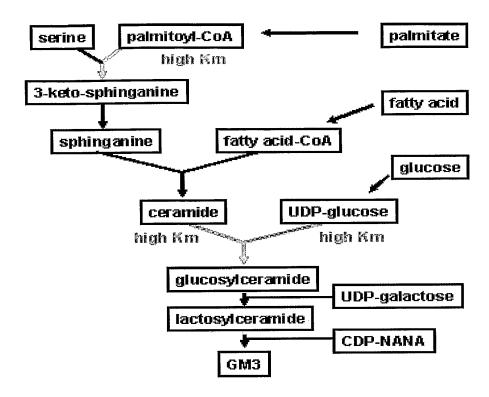
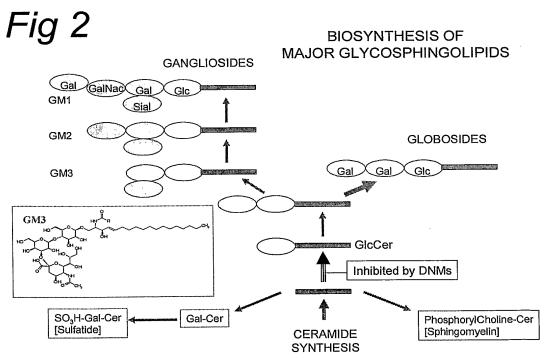
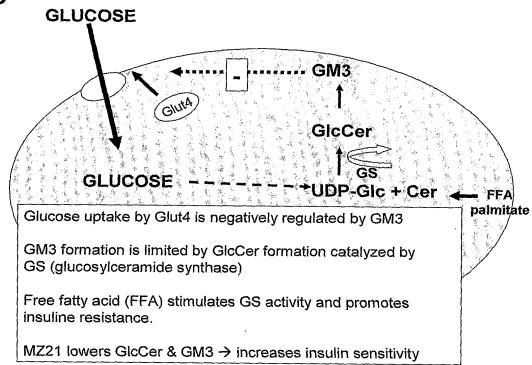
Fig 1





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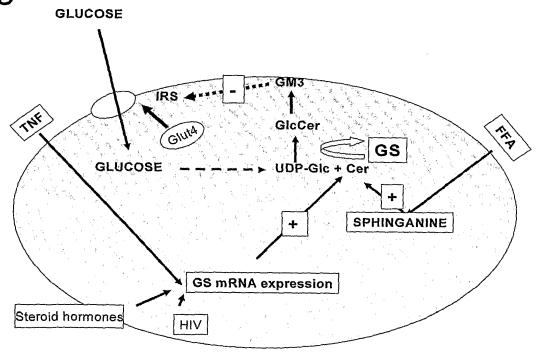
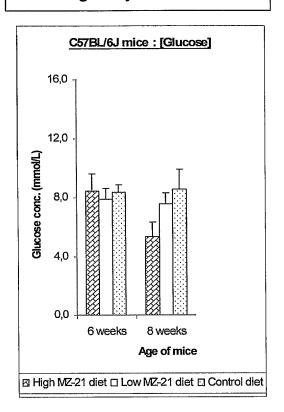
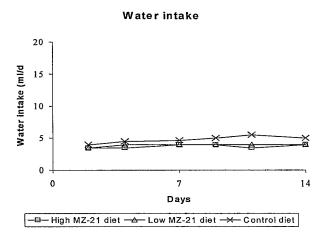


Fig 5

BL/6J mice: Changes in blood glucose, water intake and food intake following daily oral MZ21





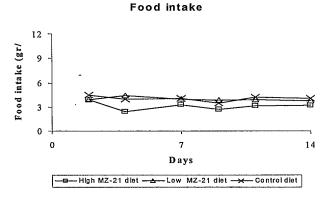
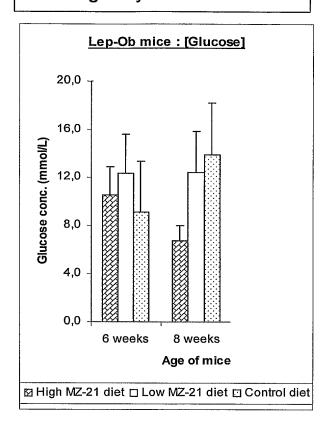
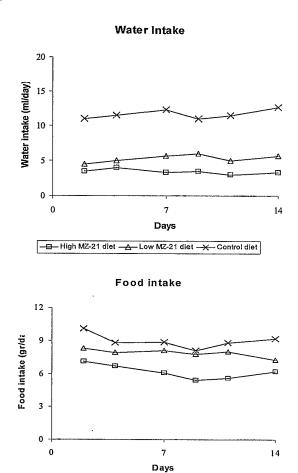


Fig 6

Ob mice: Changes in blood glucose, water intake and food intake following daily oral MZ21

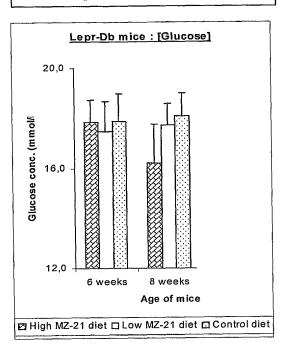


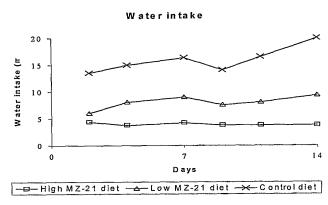


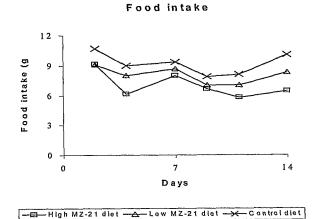
—⊟— High MZ-21 diet ——A— Low MZ-21 diet ——— Control diet

Fig 7

Db mice: Changes in blood glucose, water intake and food intake following daily oral MZ21





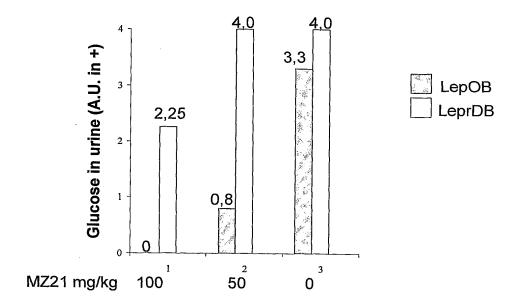


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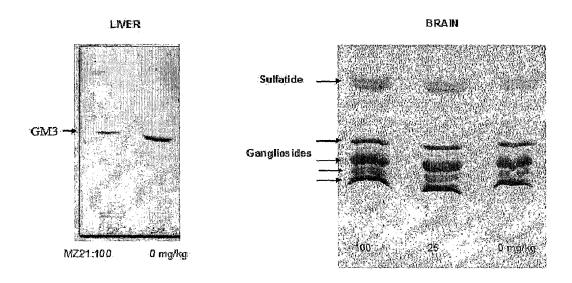
Fig 8

Effect MZ21 on urinary glucose



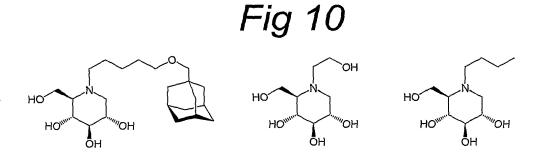
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Fig 9



MZ-21 reduces liver GM3

MZ-21 has no effect on brain gangliosides, arylsulfatide or galactosylceramide



 $N-(5-adamantane-1-yl-methoxy-pentyl) deoxynojirimycin \\ N-hydroxyethyl-deoxynojirimycin \\ N-butyl-deoxynojirimycin \\ N-butyl-de$